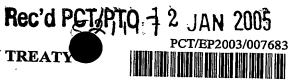
## Translation





## **PCT**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

' (PCT Article 36 and Rule 70)

Applicant's or agent's file reference							
0000053785	FOR FURTHER	ACTION See No	tification of Transmittal of International ary Examination Report (Form PCT/IPEA/416)				
International application No. PCT/EP2003/007683		date (day/month/year	Priority date (day/month/year)				
	16 July 200	3 (16.07.2003)	25 July 2002 (25.07.2002)				
International Patent Classification (IPC) or n C08F 2/24, 2/22, 10/00	ational classification a	and IPC					
Applicant	BASF AKTIENO	GESELLSCHAF	Γ				
1 This intermedianal at a							
<ol> <li>This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</li> </ol>							
2. This REPORT consists of a total of	4 sheet:	s, including this cove	r sheet.				
amended and are the basis for 70.16 and Section 607 of the	this report and/or she	ets containing rectifi	otion, claims and/or drawings which have been cations made before this Authority (see Rule				
These annexes consist of a tot	The state of the s	mons under the PC1)					
3. This report contains indications relati	ing to the following its	eme,					
I Basis of the report	b to the zenewing in	J1113.					
П Priority							
III Non-establishment of	f opinion with regard t	o novelty, inventive	step and industrial applicability				
IV Lack of unity of inver		,	· · · · · · · · · · · · · · · · · · ·				
V Reasoned statement u	nder Article 35(2) wit	th regard to novelty, i	inventive step or industrial applicability;				
VI Certain documents cit							
VII Certain defects in the	international applicati	ion					
VIII Certain observations of	on the international ap	plication					
Date of submission of the demand		Date of completion	of this report				
25 November 2003 (25.11.2003)		20 .	August 2004 (20.08.2004)				
Name and mailing address of the IPEA/EP		Authorized officer					
Facsimile No.		Telephone No.	,				
7 DOM/TOTAL 1400 /							

Form PCT/IPEA/409 (cover sheet) (July 1998)



International application No.

PCT/EP2003/007683

	sis of the re						
1. Wi	ith regard to	o the elements of the international application:*					
	the inte	ernational application as originally filed					
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_	pages	1.10					
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	pages _	fled with the leaves 6					
2 337:	_	, filed with the letter of					
the The	ese elements	o the language, all the elements marked above were available or furnished to this Authority in the language in which hal application was filed, unless otherwise indicated under this item.  Its were available or furnished to this Authority in the following language  which is:					
	the lans	guage of a translation furnished for the purposes of international search (under Rule 23.1(b)).					
	the language of publication of the international application (under Rule 48.3(b)).						
3. Wi	01 23.5).						
pre!	<b>~</b>	to any nucleotide and/or amino acid sequence disclosed in the international application, the international application was carried out on the basis of the sequence listing:					
, <b> </b> =		gether with the international application in written form.					
<u> </u>	I filed tog	gether with the international application in computer readable form.					
片		ed subsequently to this Authority in written form.					
片		ed subsequently to this Authority in computer readable form.					
<u> </u>	٦	atement that the subsequently furnished written sequence listing does not go beyond the disclosure in the tional application as filed has been furnished.					
<u> </u>	The state	terment that the information recorded in computer readable form is identical to the written sequence listing has rnished.					
4.		endments have resulted in the cancellation of:					
		the description, pages					
	H th	the claims, Nos.					
	L th	the drawings, sheets/fig					
5.	This repo beyond th	ort has been established as if (some of) the amendments had not been made, since they have been considered to go the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**					
and	! <i>70.17</i> ).	heets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16					
** Any	replacemen	nt sheet containing such amendments must be referred to under item 1 and annexed to this report.					

NO

<ul> <li>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;</li> <li>citations and explanations supporting such statement</li> </ul>						
Statement						
Novelty (N)	Claims	1-8, 11	YES			
	Claims	9, 10, 12	NO			
Inventive step (IS)	Claims	1-8, 11	YES			
	Claims	9, 10, 12	NO NO			
Industrial applicability (IA)	Claims	1-12	YES			

- 2. Citations and explanations
  - 1. This report makes reference to the following documents:

Claims

- D1: BAUERS, FLORIAN M. ET AL: "Catalytic polymerization of ethylene in aqueous emulsion with a simple in situ catalyst",

  MACROMOLECULES (2003), 36(18), 6711-6715,

  XP002259050
- D2: TEYSSIE, PHILIPPE ET AL: 'Polymerization by transition metal derivatives. III. Competitive effect of various ligands on stereospecific polymerization of butadiene by rhodium salts in aqueous emulsion', BULLETIN DE LA SOCIETE CHIMIQUE DE FRANCE (1965), (10), 2842-8
- D3: BERGER, RICHARD S. ET AL: 'Emulsion polymerization of vinyl monomers by transition metal compounds', JOURNAL OF POLYMER SCIENCE (1964), PT. A 2(1), 357-65
- D5: WO-A-01 44325
- On page 23, document D5 describes catalytic structures used for polymerising olefins in an emulsion process.

These structures are the reaction products from the same educts described in claim 1 of the present invention. It is evidently possible to derive from D1 (cited by way of example, since D1 was published after the priority date of the present application) a way of manufacturing these products.

Consequently, D5 is prejudicial to the novelty of claims 9-10 and 12 within the meaning of PCT Article 33(2).

3. None of the relevant documents cited in the search report describes a method as described in claim 1, nor can this method be clearly derived from the relevant prior art.

Consequently, claims 1-8 are novel and inventive within the meaning of PCT Article 33(2) and 33(3).

4. None of the relevant documents cited in the search report describes a mini-emulsion as described in claim 11, nor can such a mini-emulsion be clearly derived from the prior art.

Consequently, the subject matter of claim 11 is novel and inventive within the meaning of PCT Article 33(2) and 33(3).

5. The invention is industrially applicable (PCT Article 33(4)).